

FOREWORD

The 17th ICFA Workshop on Future Light Sources was held at the Advanced Photon Source (APS) Conference Center at Argonne National Laboratory on April 6-9, 1999. About 160 participants, including nearly 120 participants from the U.S., Europe, and Asia, and 40 participants from Argonne, gathered to discuss the prospects of new light sources.

This Workshop is a sequel to the 10th ICFA workshop held at ESRF, Grenoble, France in 1996. It is one of the ongoing activities of the ICFA Beam Dynamics Subpanel on Future Light Sources, chaired by K.-J. Kim. The Subpanel members are A. Ando, M. Cornacchia, M. Eriksson, S. Fang, S. Kamada, S. Krinsky, G. Kulipanov, C.C. Kuo, J.-L. Laclare (Vice Chair), C. Pellegrini, M. Poole, A. Renieri, J. Rossbach, L. Teng, R. Walker, A. Ropert, and A. Wrulich.

The Workshop program, which consisted of ten invited review talks and seven working groups, was developed by the Program Committee, chaired by J. Galayda. Program Committee members are S. Sinha, B. Tonner, H. Padmore, J.-L. Laclare, M. Cornacchia, A. Lumpkin, J. Rossbach, H. Kitamura, S. Krinsky, and G. Neal.

This proceedings contains an executive summary, short summaries by working group leaders, and a collection of the viewgraph presented. C. Eyberger served as the Editor, assisted by K. Jaje.

Kwang-Je Kim, Workshop Chair

John Galayda, Program Chair